Model P4010ACSAQ-WF

Remote alarm notifications:
Real-time mobile alerts through the Kidde app.

One battery for 10 years:
Powered by 120V AC, with a backup battery that lasts 10 years.

Smart Detection featuring Kidde HomeSafe™:
This alarm is part of a comprehensive suite of home safety devices that help protect against smoke, carbon monoxide, indoor air quality issues, leaks and freezes.

Features & Benefits

- **Remote notification and status with Kidde HomeSafe:** Use the Kidde app to receive notifications if hazards are detected, know when the device needs to be replaced and test alarms.* Mobile alerts allow you to notify friends and family of potential danger. Plus, you can Smart Hush™ false alarms when you are home.*

- **One battery for 10 years:** Alarms are powered by 120V AC with a sealed long-life lithium backup battery that lasts for 10 years** – the entire life of the device.

- **Simplify setup:** Just scan the QR code on the back of the product in the Kidde app. No additional hub is needed to set up your Kidde smart devices.

- **Whole-home alarm activation:** Interconnected alarms activate together*** – when one alarm sounds, they all sound, and an alert is sent to your phone.

- **Compatible with Google Home and Amazon Alexa:** Use voice commands to check alarm status and connection.†

- **UL Listed:** Comprehensively tested and designed to the exacting standards set by UL – a global safety science leader – for the latest in safety and reliability.

Photoelectric Technology | SIGNALING UL LISTED | FC | WiFi CERTIFIED

*This feature is only available on the Kidde HomeSafe alarm, not other interconnected alarms, when you are connected to the same Wi-Fi network as the alarm. **Wi-Fi and app notifications do not function without AC Power.**
**10-year limited warranty on alarm. Not a battery performance claim.
***Alarms only connect with other Kidde alarms that have hardwired AC interconnect capability.
† Amazon, Alexa and all related marks are trademarks of Amazon.com, Inc. or its affiliates. Google and Google Home are trademarks of Google LLC.

Description

From the #1 most installed fire safety brand in North America◊ comes Kidde's Smoke Alarm with Indoor Air Quality Monitor and smart features, giving you the functionality and capabilities you need to manage your home safety systems with confidence. Equipped with Kidde HomeSafe, it connects this Wi-Fi-enabled device to the Kidde app to place status updates and alerts at your fingertips. It's also designed to work together with existing Kidde hardwired interconnected alarms to provide whole-home alarm activation – when one alarm sounds, they all sound, and an alert is sent to your phone.* It's a new level of control – and it's all from a trusted leader in fire safety for more than 100 years.

Glowing LED Status Ring allows easy identification of current state of alarm.

Green:
Unit is Working

Amber:
Error

Red:
Danger Detected

⚠ WARNING: Mobile alert services are ancillary to the product and for informational purposes only. They are not intended or suitable for life safety or critical purposes nor do these services take the place of third-party life safety monitoring services. This product's smartphone and tablet notifications require a stable Wi-Fi connection, and are only as reliable as your home Wi-Fi network. Images are representative only. Actual product may vary slightly.

◊ Based on total household installations as of December 2021

Architectural and Engineering Specs

See User Guide for complete instructions.

AC/DC Hardwire Specifications	
Installation	Fits most standard electrical box openings
Electrical Connection	Plug-in connector
Interconnect	Up to 24 Kidde devices (limited by NFPA 72, see user guide)Δ
Sounds and Warnings	
Smoke Alarm	3 long beeps, voice "Fire," 3 long beeps
End of Unit Life	After 10 years of operation, chirps and voice "Replace alarm, press button to temporarily silence"
Technical Specifications	
Power Source	120VAC 60Hz, 53mA max 3V sealed lithium battery backup
Sensor	Smoke: Photoelectric Incorporated Indoor Air Quality Sensor, measuring Temperature, Relative Humidity, Total Volatile Organic Compounds (TVOC) *Note: Indoor Air Quality Sensor can take up to 4 days to fully calibrate and provide accurate readings*

IAQ Sensing Parameters	Air Quality	Relative Humidity (%)	Approx. VOC conc. (PPB)	Temperature (°F)
	Good	30-49	<500	≤77 & ≥64
	Moderate	25-29 or 50-59	>500 & <1500	>77 & ≤82 or <64 & ≥57
	Bad	20-24 or 60-69	>1500 & <2500	>82 & ≤92 or <57 & ≥48
	Very Bad	0-19 or 70-100	>2500	>92 or <48

Audio Alarm	85dB at 10ft
Temperature Range	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range	Up to 95% relative humidity (RH), non-condensing
Wi-Fi	802.11b/g/n (2.4GHz) Wi-Fi *(Wi-Fi features only work with AC power connected)*
Weight	0.7 lb
Regulatory Agency Compliance *(at date of manufacture)*	UL 217 NFPA 72 NFPA 101 (One- and two-family dwellings) Federal Housing Authority (FHA) Housing and Urban Development (HUD) California State Fire Marshal (CSFM)

Δ This alarm is not designed to be interconnected with other manufacturer's products, unless otherwise specified.
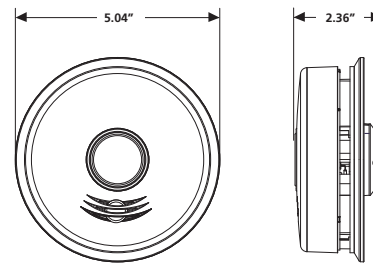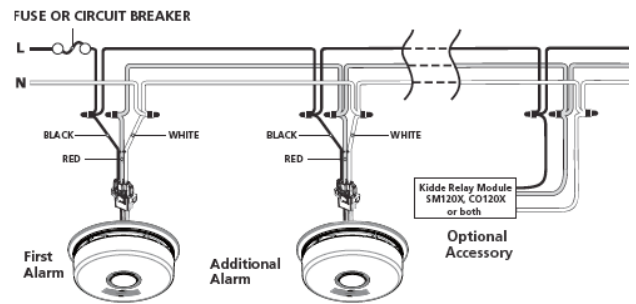
Important Information

Industry experts recommend specific locations for smoke alarms, such as every level and sleeping area of the dwelling. See user guide for more location information.

Leading authorities recommend that both ionization and photoelectric smoke alarms be installed to help ensure optimal detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms.

NOTE: The indoor air quality sensors and features are not designed for life safety, and are not Occupational Safety and Health Administration (OSHA) or Underwriters Laboratories (UL) certified. These features offer additional notifications to the consumer, and will not affect life safety performance (smoke detection) of your Wi-Fi alarm. The IAQ product takes a minimum of 5 minutes to warm up before air quality information is available. However, the device can take up to 4 days to achieve full accuracy.

Installation

Ordering Information (Not for sale by individual unit)

Ordering No.	UPC	i 2 of 5	Packaging	Master Pack Qty	Dimensions (w" x d" x h")	Weight	Pallet Qty
21032069	047871320691	10047871320698	Box	2	7.05" x 7.6" x 8.4"	3.22 lbs	240

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